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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/505,385	02/16/2000	Erik P. Staats	APPL-P2827	6463

7590
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EXAMINER

WON, MICHAEL YOUNG

ART UNIT	PAPER NUMBER
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2155

DATE MAILED: 10/19/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/505,385

Applicant(s)

STAATS, ERIK P.

Examiner

Michael Y. Won

Art Unit

2155

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 31 August 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 5, 7 and 8 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 5, 7 and 8 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. Claim 5 has been amended. Claims 5, 7, and 8 have been examined and are pending with this action.

Claim Rejections - 35 USC § 112

2. Rejection of claim 5 under 35 U.S.C. 112, first paragraph has been withdrawn.
3. Rejection of claim 5 under 35 U.S.C. 112, second paragraph has been withdrawn.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 5, 7, and 8 are rejected under 35 U.S.C. 102(e) as being anticipated by Takayama (US 5,991,842 A).

As per **claim 5**, *Takayama* teaches a method for establishing transport routing information in an AV/C transaction data delivery system (see col.4, lines 5-7), comprising in combination:

detecting a transport (see col.3, lines 35-38 and col.10, lines 4-13 & 57-59: note: *Takayama* teaches when a device (switch 12) is detected the system "realizes the functions" and can "perform communications suitable for each function" (see abstract). Furthermore, *Takayama* teaches that the detecting of the switch 12 is essentially the detection of a mode of the device, "i.e., whether the video/camera switch 12 is activated" (see col.10, lines 57-59) and that this initial step is to determine the protocol for the transport (see col.10, line 63 to col.11, line 39));

creating a transport ID associated with said transport (see col.4, lines 26-28: "bus ID");

notifying a transport layer of said transport ID (see Fig.2 and col.4, lines 5-10: "transaction layer... used for the management of transfer data" and "serial bus management manages the connection state");

indexing said transport ID (see Fig.4 and col.4, lines 44-57);

associating said indexed transport ID with a link device (see col.4, lines 7-10, 26-29 & 49-57: *Takayama* teaches of a serial bus management that manages the ID of each connected equipment wherein the addressing of the 1394 serial bus contains a bus ID. Furthermore, *Takayama* teaches of a "root directory... that stores information specific to each node");

assigning a transport instance to the created transport ID (see col.4, lines 7-10 and col.8, line 3-6);

associating the protocol layer with the transport instance (see Fig.2 and col.4, lines 5-10); and

associating the transport instance with a device (see col.3, lines 35-39 and col.4, lines 7-10).

As per **claim 7**, *Takayama* teaches of further comprising creating a data record for each detected transport and storing the transport ID in association with said transport (see col.5, line 63 to col.6, line 3).

As per **claim 8**, *Takayama* teaches of further comprising notifying said transport layer of said data record (see col.4, lines 5-6).

Response to Arguments

5. In response to the applicant(s) demand for proof that the teachings of *Takayama* at col.4, lines 22-31 teaches "notifying a transport layer of said transport ID", the applicant(s) are directed to Fig.2. *Figure 2 teaches of the communication between the different layers, which is well known in the art. Hence, since Takayama teaches in column 4, lines 5-10, of a "transaction layer... used for the management of transfer data" and "serial bus management manages the connection state" and further teaches in column 4, lines 23-31 that the serial bus is addressed according to bus ID and node*

ID, the combinational teachings explicitly teach the broad limitation of "notifying a transport layer of said transport ID".

The limitation "Indexing a transport ID" is clearly taught in Fig.4 and col.4, lines 44-57. Takayama teaches of a configuration ROM that includes a bus information block. The applicant(s) assumes that the references need to specifically state word for word the claim language and disregards knowledge available to one of ordinary skill in the art.

Furthermore, Takayama teaches in numerous locations that clearly suggest associating transport ID with a link device. See reference rejection above, specifically column 4, lines 54-57.

Conclusion

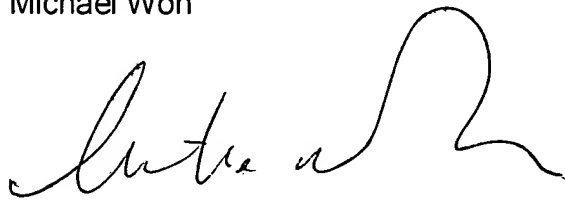
6. Claims 5, 7, and 8 have been rejected and remain pending.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael Y. Won whose telephone number is 571-272-3993. The examiner can normally be reached on M-Th: 7AM-5PM.


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Saleh Najjar can be reached on 571-272-4006. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Michael Won



October 13, 2005



SALEH NAJJAR
SUPERVISORY PATENT EXAMINER